

09/585,009

=> d his

(FILE 'HOME' ENTERED AT 09:40:11 ON 10 SEP 2001)

FILE 'CA' ENTERED AT 09:40:19 ON 10 SEP 2001

E SMITH KIM R/IN
L1 67 S E3-E4
E MAN VICTOR FUK PONG/IN
L2 16 S E2-E4
E WISETH WENDY/IN
L3 3 S E3-E4
E STARDIG RICHARD/IN
L4 189 S (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
PHOS
L5 88944 S DETERGENT# OR DETERSIVE# OR TENSIDE#
L6 6 S L4 AND L5
L7 284 S (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
PHOS
L8 6 S L7 AND L5
L9 0 S L8 NOT L6
L10 183 S L4 NOT L6
L11 176 S (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
PHOS
L12 14 S (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
PHOS
L13 793 S TABLET? (P) (EXTRUSION OR EXTRUD? OR CAST###)
L14 18 S TABLET? (P) (EXTRUSION OR EXTRUD? OR CAST###) (P) (DETERGENT#
OR
L15 0 S TABLET? (P) (EXTRUSION OR EXTRUD?) (P) (CAST OR CASTING OR
CASTED
L16 0 S TABLET? (P) (EXTRUSION OR EXTRUD?) (P) (CAST OR CASTING OR
CASTED
L17 1848 S BUTOXYETHANOL OR BUTOXY ETHANOL OR
MONOETHYLENEGLYCOL(W) BUTYL
L18 0 S L7 AND L17
L19 41421 S GLYCOL(2W) ETHER#
L20 4 S L7 AND L19
L21 0 S L8 AND L17
E ENZYME# OR PROTEASE# OR CELLULASE#
L22 793632 S ENZYME# OR PROTEASE# OR CELLULASE#
L23 4 S L7 AND L22
L24 85571 S ANTIMICROB? OR ANTIBACTER?
L25 2 S L7 AND L24

FILE 'USPATFULL' ENTERED AT 10:18:17 ON 10 SEP 2001

L26 36 S (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
PHOS
L27 0 S L26 AND L17
L28 16 S L26 AND L22
L29 6 S L26 AND L19
L30 2 S L26 AND L24
L31 952 S GLYCOL(5W) ETHER# (P) (BUTOXYETHANOL OR BUTOXY ETHANOL)
L32 180253 S EXTRUSION OR EXTRUD?
L33 84 S L31 AND L32
L34 14 S L33 AND L5

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=> d 1-6 16 ti

L6 ANSWER 1 OF 6 CA COPYRIGHT 2001 ACS

TI Washing dishes with a solid block containing **detergents** comprising water-soluble alkali metal salts and surfactants containing amine oxides

L6 ANSWER 2 OF 6 CA COPYRIGHT 2001 ACS

TI Solid cleaning compositions based on hydrated salts

L6 ANSWER 3 OF 6 CA COPYRIGHT 2001 ACS

TI Solid cast warewashing composition having a high level of available chlorine and its preparation

L6 ANSWER 4 OF 6 CA COPYRIGHT 2001 ACS

TI Solid cast warewashing composition containing metasilicate, phosphate, and bleach and useful in automatic washing machines

L6 ANSWER 5 OF 6 CA COPYRIGHT 2001 ACS

TI **Detergent** bar compositions

L6 ANSWER 6 OF 6 CA COPYRIGHT 2001 ACS

TI Petroleum coke composition

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L12 14 (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
 PHOSPHA TE# OR PYROPHOSPHATE# OR TRIPOLYPHOSPHATE# OR SULFATE# OR
 CARBON ATE# OR SESQUICARBONATE# OR BISULFATE# OR THIOSULFATE# OR
 PERCAR BONATE#) (P) TABLET? (P) (DETERGENT# OR DETERSIVE# OR TENSIDE# OR
 CLEAN?)

=> d 1-14 l12 ti

L12 ANSWER 1 OF 14 CA COPYRIGHT 2001 ACS
 TI Dishwashing detergent tablet formulation with hydrated potassium citrate
 dissolution aid

L12 ANSWER 2 OF 14 CA COPYRIGHT 2001 ACS
 TI **Tablet detergent** compositions containing sodium
tripolyphosphate rich in Phase I and **hydratable** salt

L12 ANSWER 3 OF 14 CA COPYRIGHT 2001 ACS
 TI **Tablet detergent** compns. contg. sodium
tripolyphosphate and fully fully **hydrated** salts

L12 ANSWER 4 OF 14 CA COPYRIGHT 2001 ACS
 TI Powdered automatic dishwashing tablets

L12 ANSWER 5 OF 14 CA COPYRIGHT 2001 ACS
 TI Water-softening and detergent compositions

L12 ANSWER 6 OF 14 CA COPYRIGHT 2001 ACS
 TI Laundry cleaning compositions in tablet form

L12 ANSWER 7 OF 14 CA COPYRIGHT 2001 ACS
 TI Manufacture of tabletted detergent compositions

L12 ANSWER 8 OF 14 CA COPYRIGHT 2001 ACS
 TI Detergent tablets

L12 ANSWER 9 OF 14 CA COPYRIGHT 2001 ACS
 TI Detergent compositions in hard tablet form and increasing hardness of
 tablets

L12 ANSWER 10 OF 14 CA COPYRIGHT 2001 ACS
 TI Sequestrant binding of water in tableting of high-caustic detergents for
 improved stability

L12 ANSWER 11 OF 14 CA COPYRIGHT 2001 ACS
 TI Preparation of detergent tablets for dishwashers

L12 ANSWER 12 OF 14 CA COPYRIGHT 2001 ACS
 TI Cleaning composition tablets

L12 ANSWER 13 OF 14 CA COPYRIGHT 2001 ACS
 TI Detergents in tablet form

L12 ANSWER 14 OF 14 CA COPYRIGHT 2001 ACS
 TI Strong, fast-dissolving detergent tablets

12 ANSWER 13 OF 14 CA COPYRIGHT 2001 ACS

AN 70:12851 CA

TI Detergents in tablet form

IN Van Kampen, Daniel M.; Kerkhoven, Frederik J.; Van der Star, Willem

PA Unilever N. V.

SO Ger., 4 pp.

CODEN: GWXXAW

DT Patent

LA German

IC C11D

CC 46 (Surface Active Agents and Detergents)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 1277496		19680912		
PRAI	NL		19630204		
AB	From 40 to 60% 30-100% hydrated Na ₅ P ₃ O ₁₀ (I) and (or) Na ₄ P ₂ O ₇ are mixed				
in					

dry form with dry **detergents** consisting, e.g., of a blend of propylene benzenesulfonate, nonylphenol- and tallow fatty alc.-ethylene oxide condensate, Na soap, Na₂SiO₃, Na₂SO₄, Na-CMC, an optical

brightener,

a perfume and Na₃BO₃ and then compressed into **tablets**. The soln. time of **tablets** made with **hydrated phosphates** is much less than that of **tablets** made from nonhydrated TSPP and STPP.

ST **detergents tablets; tablets**

detergents; phosphates in detergents; hydrated Na phosphates

IT **Detergents**, preparation

(sulfonated, **hydrated phosphate**-contg. **tablets** of)

IT 7722-88-5

RL: TEM (Technical or engineered material use); USES (Uses)
(detergent tablets contg. sulfonated detergents and)

IT 22903-76-0

RL: TEM (Technical or engineered material use); USES (Uses)
(detergent tablets contg. sulfonated surfactants and)

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L26 36 (HYDRAT? OR DIHYDRAT?) (6A) (SILICATE# OR METASILICATE# OR
PHOSPHA TE# OR PYROPHOSPHATE# OR TRIPOLYPHOSPHATE# OR SULFATE# OR
CARBON ATE# OR SESQUICARBONATE# OR BISULFATE# OR THIOSULFATE# OR
PERCAR BONATE#) (P) (EXTRUD? OR EXTRUSION OR CAST?) (P) DETERGENT#

=> d 1-36 126 ti

L26 ANSWER 1 OF 36 USPATFULL
TI Binding agent for solid block functional material

L26 ANSWER 2 OF 36 USPATFULL
TI Stable solid block detergent composition

L26 ANSWER 3 OF 36 USPATFULL
TI Method of removing waxy/fatty soils from ware with a combination of a
nonionic silicone surfactant and a nonionic surfactant

L26 ANSWER 4 OF 36 USPATFULL
TI Stable solid block metal protecting warewashing detergent composition

L26 ANSWER 5 OF 36 USPATFULL
TI Built automatic dishwashing compositions comprising blooming perfume

L26 ANSWER 6 OF 36 USPATFULL
TI Method of making highly alkaline solid cleaning compositions

L26 ANSWER 7 OF 36 USPATFULL
TI Method of making non-caustic solid cleaning compositions

L26 ANSWER 8 OF 36 USPATFULL
TI Toilet bowl detergent system containing blooming perfume

L26 ANSWER 9 OF 36 USPATFULL
TI Stratified solid cast detergent compositions

L26 ANSWER 10 OF 36 USPATFULL
TI Block detergent containing nitrilotriacetic acid

L26 ANSWER 11 OF 36 USPATFULL
TI Block detergent containing nitrilotriacetic acid

L26 ANSWER 12 OF 36 USPATFULL
TI Stratified solid cast detergent compositions and methods of making same

L26 ANSWER 13 OF 36 USPATFULL
TI Block detergent containing nitrilotriacetic acid

L26 ANSWER 14 OF 36 USPATFULL
TI Block detergent containing nitrilotriacetic acid

L26 ANSWER 15 OF 36 USPATFULL
TI Urea containing internally-carbonated non-detergent cleaning
composition
and method of use

L26 ANSWER 16 OF 36 USPATFULL
 TI Low temperature cast detergent-containing article and method of making and using

L26 ANSWER 17 OF 36 USPATFULL
 TI Detergent laundry bar with improved formulation and process

L26 ANSWER 18 OF 36 USPATFULL
 TI Process for producing moldable detergents having a stable available chlorine concentration

L26 ANSWER 19 OF 36 USPATFULL
 TI Process for manufacturing alkyl polysaccharide detergent laundry bar

L26 ANSWER 20 OF 36 USPATFULL
 TI Detergent laundry bars having improved hardness and process for manufacture thereof

L26 ANSWER 21 OF 36 USPATFULL
 TI Solid cast warewashing composition; encapsulated bleach source

L26 ANSWER 22 OF 36 USPATFULL
 TI Solid cast warewashing composition and process for preparing the same

L26 ANSWER 23 OF 36 USPATFULL
 TI Multilayer detergent in block form

L26 ANSWER 24 OF 36 USPATFULL
 TI Breakage resistant higher fatty alcohol sulfate detergent laundry bars

L26 ANSWER 25 OF 36 USPATFULL
 TI Foaming testing apparatus which yields results correlatable to hand washing of laundry

L26 ANSWER 26 OF 36 USPATFULL
 TI Detergent supply pack and process for production

L26 ANSWER 27 OF 36 USPATFULL
 TI Solid alkaline detergent and process for making the same

L26 ANSWER 28 OF 36 USPATFULL
 TI Method of making solid cast alkaline detergent composition

L26 ANSWER 29 OF 36 USPATFULL
 TI Alkyl ethoxylate sulfate detergent laundry bars and processes for manufacture thereof

L26 ANSWER 30 OF 36 USPATFULL
 TI Alpha-sulfo-fatty acid ester and/or amide salt(s) detergent laundry bars and processes for manufacture thereof

L26 ANSWER 31 OF 36 USPATFULL
 TI Alpha-sulfo-higher fatty acid-lower alcohol ester- and amide-based detergent laundry bars and process for manufacture thereof

L26 ANSWER 32 OF 36 USPATFULL
 TI Solid cast detergents containing encapsulated halogen bleaches and

methods of preparation and use

L26 ANSWER 33 OF 36 USPATFULL

TI Sodium higher fatty alkyl sulfate detergent laundry bars and process
for
manufacture thereof

L26 ANSWER 34 OF 36 USPATFULL

TI Alkyl phosphoric salt-hydrocarbon wax lather controlled detergent
compositions

L26 ANSWER 35 OF 36 USPATFULL

TI Alkyl phosphoric acid polyvalent salts-mineral oil lather controlled
detergent compositions

L26 ANSWER 36 OF 36 USPATFULL

TI SYNTHETIC DETERGENT IN BAR OR CAKE FORM AND THE METHOD TO MANUFACTURE
SAME

=>

> d 1 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 111-76-2 REGISTRY
CN Ethanol, 2-butoxy- (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN .beta.-Butoxyethanol
CN 2-Butoxy-1-ethanol
CN 2-Butoxyethanol
CN 2-n-Butoxyethanol
CN 3-Oxa-1-heptanol
CN Butyl Cellosolve
CN Butyl Cellu-Sol
CN Butyl glycol
CN Butyl monoether glycol
CN Butyl Oxitol
CN C4E1
CN Chimec NR
CN **Dowanol EB**
CN EGBE
CN Ektasolve EB
CN Ethylene glycol butyl ether
CN Ethylene glycol mono-n-butyl ether
CN Ethylene glycol monobutyl ether
CN Ethylene glycol n-butyl ether
CN Gafcol EB
CN Glycol butyl ether
CN Glycol EB
CN Glycol monobutyl ether
CN Minex BDH
CN Monobutyl glycol ether
CN n-Butyl cellosolve
CN O-Butyl ethylene glycol
CN Poly-Solv EB
FS 3D CONCORD
MF C6 H14 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD,
CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST,
CHEMSAFE,
CIN, CSCHM, CSNB, DETHERM*, DIPPR*, EMBASE, GMELIN*, HODOC*, HSDB*,
IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC,
PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT, TULSA, ULIDAT,
USPATFULL, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

n-BuO-CH₂-CH₂-OH

4159 REFERENCES IN FILE CA (1967 TO DATE)
143 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4164 REFERENCES IN FILE CAPLUS (1967 TO DATE)
34 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s e3

L1 1 "DIETHYLENE GLYCOL MONOBUTYL ETHER"/CN

=> d 1 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 112-34-5 REGISTRY

CN Ethanol, 2-(2-butoxyethoxy)- (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2-(2-Butoxyethoxy)ethanol

CN 3,6-Dioxa-1-decanol

CN BDG

CN BDG-NS

CN Butadigol

CN Butoxyethoxyethanol

CN Butyl Carbitol

CN Butyl diglycol

CN Butyl Diglysolv

CN Butyl digol

CN Butyl dioxitol

CN Butyl Oxitol glycol ether

CN Diethylene glycol butyl ether

CN Diethylene glycol mono-n-butyl ether

CN **Diethylene glycol monobutyl ether**

CN Diethylene glycol n-butyl ether

CN Diglycol monobutyl ether

CN Dowanol DB

CN Ektasolve DB

CN Ethanol, 2,2'-oxybis-, monobutyl ether

CN K 50181

CN n-Butyl carbitol

CN NBC

CN NBC (solvent)

CN O-Butyl diethylene glycol

CN Poly-Solv DB

FS 3D CONCORD

DR 210818-08-9

MF C8 H18 O3

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM*, DIPPR*, EMBASE,

HODOC*,

HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

n-BuO-CH₂-CH₂-O-CH₂-CH₂-OH

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2970 REFERENCES IN FILE CA (1967 TO DATE)
84 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2974 REFERENCES IN FILE CAPLUS (1967 TO DATE)
17 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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